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81%5. ☐

Electrochromism of phosphotungstic acid incorporated in titanium alkoxide xerogel films
 U. L. Stangar, Boris Orel, and Michael G. Hutchins
 Proc. SPIE Int. Soc. Opt. Eng. **2255**, 261 (1994) **Full Text:** [PDF (473 KB)] (12 pages)

81%6. ☐

Xerogel matrix influence on malachite-green absorption saturation relaxation
 Michael Canva, Patrick M. Georges, Alain Brun, Frederic Chaput, and Jean-Pierre Bolloit
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79%7. ☐

Nanostructured $\text{SnO}_2\text{-SiO}_2$ glassceramic: a competitor for Si nanodots in silica
 Norberto Chiodini, Alberto Paleari, and Marco Romagnoli
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79%8. ☐

In-situ synthesis of nickel phthalocyanine in silica xerogel under microwave irradiation
 Hongbing Zhan, Mingquan Wang, and Wengzhe Chen
 Proc. SPIE Int. Soc. Opt. Eng. **4918**, 15 (2002) **Full Text:** [PDF (278 KB)] (5 pages)

79%9. ☐

Europium photoluminescence in titania xerogel on porous anodic aluminum
 S. Molchan, E. A. Stepanova, G. E. Thompson, P. Skeldon, and N. V. Gaponenko
 Proc. SPIE Int. Soc. Opt. Eng. **4511**, 58 (2001) **Full Text:** [PDF (76 KB)] (3 pages)

79%10. ☐

Third-order nonlinear optical properties of metal dithiolene- and phthalocyanine-doped sol-gel materials
 Gavin J. Gall, Terence A. King, Stephen N. Oliver, Carol A. Capozzi, Angela B. Seddon, Callum A. S.

2 of 7

Hill, and Allan E. Underhill
Proc. SPIE Int. Soc. Opt. Eng. **2288**, 372 (1994) **Full Text:** [PDF (195 KB)] (10 pages)

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Tayyab I. Suratwala, Kevin Davidson, Zack Gardlund, Donald R. Uhlmann, Sandra I. Bonilla, and Nasser Peyghambarian
Proc. SPIE Int. Soc. Opt. Eng. **2986**, 141 (1997) **Full Text:** [PDF (506 KB)] (12 pages)

77% 20. ☐ **Influence of matrix-dopant interactions for all-optical memorization in doped xerogels**
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77% 21. ☐ **Dimer formation in phthalocyanine-doped sol-gel materials**
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Proc. SPIE Int. Soc. Opt. Eng. **2288**, 140 (1994) **Full Text:** [PDF (244 KB)] (5 pages)

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Liren Lou, Jacques Mugnier, Mohammed Bahtat, Vladimir Brandel, and Michel Genet

Proc. SPIE Int. Soc. Opt. Eng. **1758**, 83 (1992) **Full Text:** [PDF (400 KB)] (9 pages)

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Proc. SPIE Int. Soc. Opt. Eng. **1758**, 420 (1992) **Full Text:** [PDF (442 KB)] (12 pages)

77%

27. ☐

Spectrally selective CuO particulate thin solid coatings on stainless steel and glass substrate: structural and optical properties
Boris Orel, F. Svegl, N. Bukovec, and M. Kosec
Proc. SPIE Int. Soc. Opt. Eng. **1727**, 70 (1992) **Full Text:** [PDF (379 KB)] (12 pages)

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28. ☐

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Proc. SPIE Int. Soc. Opt. Eng. **1727**, 352 (1992) **Full Text:** [PDF (256 KB)] (6 pages)

77%

29. ☐

Bulk and surface light scattering from transparent silica aerogel

Werner J. Platzner and Mikael Bergkvist
Proc. SPIE Int. Soc. Opt. Eng. **1727**, 341 (1992) **Full Text:** [PDF (313 KB)] (9 pages)

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 Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 Int
 3-5 June 2002 Page(s):69 - 71
 Digital Object Identifier 10.1109/IITC.2002.1014890
[AbstractPlus](#) | Full Text: [PDF](#)(298 KB) IEEE CNF
- ☐ 2. **Nanowires electroforming of nanoporous electrodes**
 Hubalek, J.;
 Electron Devices, 2005 Spanish Conference on
 2-4 Feb. 2005 Page(s):217 - 220
 Digital Object Identifier 10.1109/SCED.2005.1504361
[AbstractPlus](#) | Full Text: [PDF](#)(385 KB) IEEE CNF
- ☐ 3. **Accelerated crack growth of nanoporous low-k glasses in CMP slurry env**
 Guyer, E.P.; Dauskardt, R.H.;
 Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int
 7-9 June 2004 Page(s):236 - 238
[AbstractPlus](#) | Full Text: [PDF](#)(329 KB) IEEE CNF
- ☐ 4. **Material issues for nanoporous ultra low-k dielectrics**
 Char, K.; Cha, B.J.; Suhan Kim;
 Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int
 7-9 June 2004 Page(s):219 - 221
[AbstractPlus](#) | Full Text: [PDF](#)(316 KB) IEEE CNF
- ☐ 5. **Patterning of self-assembly surfactant templated nanoporous silica thin 1 low-k dielectric**
 Cho, A.T.; Pan, F.M.; Yen, C.W.; Chen, J.Y.; Chen, Y.J.; Chao, K.J.;
 Microprocesses and Nanotechnology Conference, 2003. Digest of Papers. 20C
 29-31 Oct. 2003 Page(s):262 - 263
[AbstractPlus](#) | Full Text: [PDF](#)(201 KB) IEEE CNF
- ☐ 6. **Characterization of nanoporous alumina membranes filled by gold particl**
 Pruneanu, S.; Olenic, L.; Borodi, G.; Sigartau, G.; Mihailescu, G.;
 Semiconductor Conference, 2002. CAS 2002 Proceedings. International
 Volume 1, 8-12 Oct. 2002 Page(s):127 - 130 vol.1

Digital Object Identifier 10.1109/SMICND.2002.1105816

[AbstractPlus](#) | Full Text: [PDF\(352 KB\)](#) IEEE CNF

7. **Plasma-surface interactions of nanoporous silica during plasma-based p using C/sub 4/F/sub 8/ and C/sub 4/F/sub 8//Ar gas mixtures**
Xuefang Hua; Stolz, C.; Oehrlein, G.S.; Lazzeri, P.; Coghe, N.; Anderle, M.; In T.S.; Jiang, P.;
Plasma Science, 2004. ICOPS 2004. IEEE Conference Record - Abstracts. Th International Conference on
28 June-1 July 2004 Page(s):167
Digital Object Identifier 10.1109/PLASMA.2004.1339718
[AbstractPlus](#) | Full Text: [PDF\(177 KB\)](#) IEEE CNF
8. **Microlasers based on nanoporous materials**
Benmohammadi, L.; Braun, I.; Ganschow, M.; Koch, K.; Laeri, F.; Nockel, J.U.; G.; Schuth, F.; Vietze, U.; Weiss, O.; Wiersig, J.; Wohrle, D.;
Transparent Optical Networks, 2003. Proceedings of 2003 5th International Co Volume 1, 29 June-3 July 2003 Page(s):184 - 187 vol.1
Digital Object Identifier 10.1109/ICTON.2003.1264609
[AbstractPlus](#) | Full Text: [PDF\(331 KB\)](#) IEEE CNF
9. **Absorption of light by plasmons in a nanoporous metal slab**
Teperik, T.V.; Popov, V.V.; Garcia de Abajo, F.J.;
Transparent Optical Networks, 2004. Proceedings of 2004 6th International Co Volume 1, 4-8 July 2004 Page(s):338 - 341 vol.1
Digital Object Identifier 10.1109/ICTON.2004.1360307
[AbstractPlus](#) | Full Text: [PDF\(371 KB\)](#) IEEE CNF
10. **Determination of the effective diffusion constant of I/sub 3//sup -/ ions in TiO/sub 2/ networks**
Kron, G.; Rau, U.; Taretto, K.; Durr, M.; Miteva, T.; Nelles, G.; Yasuda, A.; We Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference Volume 1, 11-18 May 2003 Page(s):133 - 136 Vol.1
Digital Object Identifier 10.1109/WCPEC.2003.1305238
[AbstractPlus](#) | Full Text: [PDF\(360 KB\)](#) IEEE CNF
11. **Synthesis of ordered nanoporous carbons using mesoporous template a perspectives**
Ryong Ryoo; Sang Hoon Joo; Minkee Choi;
Microprocesses and Nanotechnology Conference, 2002. Digest of Papers. Mic Nanotechnology 2002. 2002 International
6-8 Nov. 2002 Page(s):88 - 89
[AbstractPlus](#) | Full Text: [PDF\(273 KB\)](#) IEEE CNF
12. **Nanoporous dielectric materials for advanced CMOS**
Gessner, T.; Bohuslavova, A.; Schulz, S.E.;
Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th Interna on
Volume 1, 22-25 Oct. 2001 Page(s):343 - 347 vol.1
Digital Object Identifier 10.1109/ICSICT.2001.981490
[AbstractPlus](#) | Full Text: [PDF\(211 KB\)](#) IEEE CNF
13. **Self-assembly of uniform nanoporous silica fibers**
Kievsky, Y.; Sokolov, I.;
Nanotechnology, IEEE Transactions on
Volume 4, Issue 5, Sept. 2005 Page(s):490 - 494
Digital Object Identifier 10.1109/TNANO.2005.851425
[AbstractPlus](#) | Full Text: [PDF\(1736 KB\)](#) IEEE JNL

- 14. **Coplanar ac discharges between cylindrical electrodes with a nanoporous dielectric: Modular dielectric barrier plasma devices**
 Cho, J.H.; Lee, K.-W.; Park, S.-J.; Eden, J.G.;
 Plasma Science, IEEE Transactions on
 Volume 33, Issue 2, Part 1, Apr 2005 Page(s):378 - 379
 Digital Object Identifier 10.1109/TPS.2005.845284
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(136 KB\)](#) IEEE JNL
- 15. **Aqueous-core waveguides using a low-index nanoporous cladding**
 Risk, W.P.; Kim, H.-C.; Miller, R.D.; Temkin, H.;
 Lasers and Electro-Optics, 2004. (CLEO). Conference on
 Volume 1, 2004 Page(s):3 pp. vol.1
[AbstractPlus](#) | Full Text: [PDF\(303 KB\)](#) IEEE CNF
- 16. **Spin-on dielectric films-a general overview**
 Shi-Qing Wang;
 Solid-State and Integrated Circuit Technology, 1998. Proceedings. 1998 5th In
 Conference on
 21-23 Oct. 1998 Page(s):961
 Digital Object Identifier 10.1109/ICSICT.1998.786546
[AbstractPlus](#) | Full Text: [PDF\(48 KB\)](#) IEEE CNF
- 17. **Microdischarge devices with a nanoporous Al/sub 2/O/sub 3/ dielectric: c and air**
 Park, S.-J.; Eden, J.G.;
 Plasma Science, IEEE Transactions on
 Volume 33, Issue 2, Part 1, April 2005 Page(s):572 - 573
 Digital Object Identifier 10.1109/TPS.2005.845268
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(152 KB\)](#) IEEE JNL
- 18. **Nanoporous polymer film properties from Brillouin light scattering and s wave spectroscopy**
 Flannery, C.M.; Kim, S.; Wittkowski, T.; Jung, K.; Hillebrands, B.; Baklanov, M.
 Ultrasonics Symposium, 2002. Proceedings. 2002 IEEE
 Volume 1, 8-11 Oct. 2002 Page(s):211 - 214 vol.1
[AbstractPlus](#) | Full Text: [PDF\(345 KB\)](#) IEEE CNF
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 Cojocaru, A.; Sherban, D.; Simashkevich, A.; Tiginyanu, I.; Tsiulyanu, I.; Ursak
 Semiconductor Conference, 2002. CAS 2002 Proceedings. International
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 Digital Object Identifier 10.1109/SMICND.2002.1105884
[AbstractPlus](#) | Full Text: [PDF\(365 KB\)](#) IEEE CNF
- 20. **CVD barriers for Cu with nanoporous ultra low-k: integration and reliabili**
 Lin, J.C.; Augur, R.; Shue, S.L.; Yu, C.H.; Liang, M.S.; Vijayendran, A.; Suwwa
 Danek, M.;
 Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 Int
 3-5 June 2002 Page(s):21 - 23
 Digital Object Identifier 10.1109/IITC.2002.1014875
[AbstractPlus](#) | Full Text: [PDF\(336 KB\)](#) IEEE CNF
- 21. **Large arrays of microcavity plasma devices for active displays and backl**
 Eden, J.G.; Sung-Jin Park; Ostrom, N.P.; Kuo-Feng Chen; Kwang Soo Kim;
 Display Technology, Journal of
 Volume 1, Issue 1, Sept. 2005 Page(s):112 - 117
 Digital Object Identifier 10.1109/JDT.2005.852490

[AbstractPlus](#) | Full Text: [PDF](#)(920 KB) IEEE JNL

22. **Detecting alpha radiation by scintillation in porous materials**
Keillor, M.E.; Burggraf, L.W.;
Nuclear Science, IEEE Transactions on
Volume 44, Issue 5, Oct. 1997 Page(s):1741 - 1746
Digital Object Identifier 10.1109/23.633427
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(92 KB) IEEE JNL
23. **Nanoporous biocapsules for the encapsulation of insulinoma cells: biotri-
biocompatibility considerations**
Leoni, L.; Desai, T.A.;
Biomedical Engineering, IEEE Transactions on
Volume 48, Issue 11, Nov. 2001 Page(s):1335 - 1341
Digital Object Identifier 10.1109/10.959329
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(136 KB) IEEE JNL
24. **Nanoporous plasma electrodes for flat lamp**
Sung-Jin Park; Jin Hoon Cho; Sung Soo Kim; Hong Sok Kim; Kyu-Wang Lee;
Plasma Science, 2003. ICOPS 2003. IEEE Conference Record - Abstracts. Th
International Conference on
2-5 June 2003 Page(s):217
Digital Object Identifier 10.1109/PLASMA.2003.1228709
[AbstractPlus](#) | Full Text: [PDF](#)(173 KB) IEEE CNF
25. **Flexible microchannels with integrated nanoporous membranes for filtra-
separation of molecules and particles**
Metz, S.; Trautmann, C.; Bertsch, A.; Renaud, P.;
Micro Electro Mechanical Systems, 2002. The Fifteenth IEEE International Co
20-24 Jan. 2002 Page(s):81 - 84
Digital Object Identifier 10.1109/MEMSYS.2002.984095
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 Vinogradov, A.Y.; Abramov, A.S.; Kosarev, A.I.; Shutov, M.V.; Andronov, A.N.; Kortchagina, S.B.;
 Vacuum Microelectronics Conference, 2001. IVMC 2001. Proceedings of the 12-16 Aug. 2001 Page(s):255 - 256
 Digital Object Identifier 10.1109/IVMC.2001.939750
[AbstractPlus](#) | Full Text: [PDF](#)(124 KB) IEEE CNF
- ☐ **27. Critical properties of nanoporous aerogel films from surface-wave laser**
 Flannery, C.M.;
 Ultrasonics Symposium, 2001 IEEE
 Volume 1, 7-10 Oct. 2001 Page(s):471 - 474 vol.1
 Digital Object Identifier 10.1109/ULTSYM.2001.991666
[AbstractPlus](#) | Full Text: [PDF](#)(451 KB) IEEE CNF
- ☐ **28. Applications of nanoporous alumina membranes**
 Pruneanu, S.; Mihailescu, G.; Neamtu, S.; Olenic, L.; Biro, L.P.;
 Semiconductor Conference, 2001. CAS 2001 Proceedings. International Volume 1, 9-13 Oct. 2001 Page(s):59 - 62 vol.1
 Digital Object Identifier 10.1109/SMICND.2001.967416
[AbstractPlus](#) | Full Text: [PDF](#)(236 KB) IEEE CNF
- ☐ **29. Biotransport and biocompatibility of nanoporous biocapsules**
 Leoni, L.; Desai, T.A.;
 Microtechnologies in Medicine and Biology, 1st Annual International, Conference, 12-14 Oct. 2000 Page(s):113 - 117
 Digital Object Identifier 10.1109/MMB.2000.893753
[AbstractPlus](#) | Full Text: [PDF](#)(688 KB) IEEE CNF
- ☐ **30. Nanoporous Al₂O₃ membranes filled by platinum**
 Pruneanu, S.; Mihailescu, G.; Indrea, E.;
 Semiconductor Conference, 2000. CAS 2000 Proceedings. International Volume 2, 10-14 Oct. 2000 Page(s):475 - 478 vol.2
 Digital Object Identifier 10.1109/SMICND.2000.889135
[AbstractPlus](#) | Full Text: [PDF](#)(172 KB) IEEE CNF

31. **Microstructure-property relations for porous bismuth films**
 Shen, W.; Dunn, B.; Ragot, F.; Goorsky, M.; Moore, C.; Song, D.W.; Chen, G.; Radetic, T.; Fuller-Mora, W.; Ehrlich, A.;
 Thermoelectrics, 1999. Eighteenth International Conference on
 29 Aug.-2 Sept. 1999 Page(s):562 - 564
 Digital Object Identifier 10.1109/ICT.1999.843452
[AbstractPlus](#) | Full Text: [PDF](#)(296 KB) IEEE CNF
32. **Improvements of silicon integrated GOx micro enzyme reactors by the use of silicon as a surface enlarging matrix**
 Laurell, T.; Drott, J.; Rosengren, L.;
 Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for Biomedical Engineering
 Proceedings of the 18th Annual International Conference of the IEEE
 Volume 1, 31 Oct.-3 Nov. 1996 Page(s):262 - 263 vol.1
 Digital Object Identifier 10.1109/IEMBS.1996.656944
[AbstractPlus](#) | Full Text: [PDF](#)(316 KB) IEEE CNF
33. **Control of magnetic behavior in Fe/sub 3/O/sub 4/ nanostructures**
 Seung Pil Ko; Joon-Young Soh; Young Keun Kim;
 Magnetism, IEEE Transactions on
 Volume 41, Issue 10, Oct. 2005 Page(s):3304 - 3306
 Digital Object Identifier 10.1109/TMAG.2005.854907
[AbstractPlus](#) | Full Text: [PDF](#)(528 KB) IEEE JNL
34. **Anisotropic thermal conductivity of nanoporous silica film**
 Bing-Yue Tsui; Chen-Chi Yang; Kuo-Lung Fang;
 Electron Devices, IEEE Transactions on
 Volume 51, Issue 1, Jan. 2004 Page(s):20 - 27
 Digital Object Identifier 10.1109/TED.2003.820790
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(304 KB) IEEE JNL
35. **Impedance spectroscopy of water confined in porous dielectric matrixes**
 Korolev, F.A.; Kytin, V.G.; Koslov, S.N.;
 Dielectric Liquids, 2005. ICDL 2005. 2005 IEEE International Conference on
 26 June-1 July 2005 Page(s):445 - 447
 Digital Object Identifier 10.1109/ICDL.2005.1490121
[AbstractPlus](#) | Full Text: [PDF](#)(768 KB) IEEE CNF
36. **Improved patterned media for probe-based HAMR**
 Algre, E.; Gaudin, G.; Bsiesy, A.; Nozieres, J.P.;
 Magnetism Conference, 2005. INTERMAG Asia 2005. Digests of the IEEE International
 4-8 April 2005 Page(s):247 - 248
[AbstractPlus](#) | Full Text: [PDF](#)(64 KB) IEEE CNF
37. **Molecular Modeling of Biomolecules and Solutions in Nanoporous Materials**
 Kovalenko, A.;
 MEMS, NANO and Smart Systems, 2004. ICMENS 2004. Proceedings. 2004 International
 Conference on
 25-27 Aug. 2004 Page(s):166 - 171
[AbstractPlus](#) | Full Text: [PDF](#)(864 KB) IEEE CNF
38. **Optoelectronic sensor for chemical detection in liquid by using ultra thin film on long period fiber gratings**
 Pilla, P.; Contessa, L.; Iadicicco, A.; Campopiano, S.; Cutolo, A.; Giordano, M.;
 Fibres and Optical Passive Components, 2005. Proceedings of 2005 IEEE/LEOS
 22-24 June 2005 Page(s):349 - 354
 Digital Object Identifier 10.1109/WFOPC.2005.1462153
[AbstractPlus](#) | Full Text: [PDF](#)(204 KB) IEEE CNF

- 39. **Effect of porosity on reducing cohesive strength and accelerating crack growth in low-k thin-films [IC interconnect applications]**
 Guyer, E.P.; Dauskardt, R.H.;
 Interconnect Technology Conference, 2005. Proceedings of the IEEE 2005 Int
 6-8 June 2005 Page(s):223 - 225
[AbstractPlus](#) | Full Text: [PDF](#)(171 KB) IEEE CNF
- 40. **Recombination kinetics of interpenetrating heterojunctions: comparison of sensitized and polymer solar cells**
 O'Regan, B.; Veenstra, S.; Verhees, W.; Kroon, J.; Sommeling, P.; Bakker, K.;
 Photovoltaic Specialists Conference, 2005. Conference Record of the Thirty-fifth
 3-7 Jan. 2005 Page(s):27 - 30
[AbstractPlus](#) | Full Text: [PDF](#)(217 KB) IEEE CNF
- 41. **Carbon nanotube-based membranes: a platform for studying nanofluidic transport**
 Holt, J.K.; Hyung Gyu Park; Noy, A.; Huser, T.; Eaglesham, D.; Bakajin, O.;
 Nanotechnology, 2004. 4th IEEE Conference on
 16-19 Aug. 2004 Page(s):110 - 112
 Digital Object Identifier 10.1109/NANO.2004.1392266
[AbstractPlus](#) | Full Text: [PDF](#)(619 KB) IEEE CNF
- 42. **THz time-domain spectroscopy of $\text{CaO}/\text{SiO}_2/\text{Al}_2\text{O}_3/\text{Si}$ containing hopping carriers**
 Kitagawa, J.; Ishizaka, M.; Harimochi, H.; Kadoya, Y.; Yamanishi, M.; Matsuishi
 Infrared and Millimeter Waves, 2004 and 12th International Conference on Ter
 Electronics, 2004. Conference Digest of the 2004 Joint 29th International Conf
 27 Sept.-1 Oct. 2004 Page(s):403 - 404
 Digital Object Identifier 10.1109/ICIMW.2004.1422132
[AbstractPlus](#) | Full Text: [PDF](#)(1606 KB) IEEE CNF
- 43. **A silicon nanoporous membrane used for drug delivery**
 Ravariu, F.; Podaru, C.; Nedelcu, O.; Ravariu, C.; Manea, E.;
 Semiconductor Conference, 2004. CAS 2004 Proceedings. 2004 International
 Volume 1, 4-6 Oct. 2004 Page(s):
 Digital Object Identifier 10.1109/SMICND.2004.1402814
[AbstractPlus](#) | Full Text: [PDF](#)(563 KB) IEEE CNF
- 44. **Spectral gas sensitivity of immobilized pH-indicator molecules**
 Kolesnikov, Y.L.; Kabakova, M.M.; Novikov, A.F.; Thiel, E.R.; Zemskii, V.I.;
 Lasers and Electro-Optics Europe, 2003. CLEO/Europe. 2003 Conference on
 22-27 June 2003 Page(s):498
 Digital Object Identifier 10.1109/CLEOE.2003.1313561
[AbstractPlus](#) | Full Text: [PDF](#)(195 KB) IEEE CNF
- 45. **Effects of templating byproducts on adhesion of nanoporous dielectric films**
 Maidenberg, D.; Volksen, W.; Miller, R.; Dauskardt, R.;
 Interconnect Technology Conference, 2003. Proceedings of the IEEE 2003 Int
 2-4 June 2003 Page(s):48 - 50
 Digital Object Identifier 10.1109/IITC.2003.1219709
[AbstractPlus](#) | Full Text: [PDF](#)(287 KB) IEEE CNF
- 46. **Temperature dependence of the coercivity of Fe films sputtered on nanoporous substrates**
 Butera, A.; Weston, J.L.; Barnard, J.A.;
 Magnetism, IEEE Transactions on
 Volume 34, Issue 4, Part 1, July 1998 Page(s):1024 - 1026
 Digital Object Identifier 10.1109/20.706345
[AbstractPlus](#) | Full Text: [PDF](#)(452 KB) IEEE JNL

47. **Nanostructured Fe networks studied by ferromagnetic resonance**
Butera, A.; Weston, J.L.; Barnard, J.A.;
Magnetics, IEEE Transactions on
Volume 36, Issue 5, Part 1, Sept 2000 Page(s):3044 - 3046
Digital Object Identifier 10.1109/20.908672
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(56 KB) IEEE JNL
48. **Thermopower and GMR of a single Co-Cu multilayer nanowire**
Gravier, L.; Wegrowe, J.-E.; Wade, T.; Fabian, A.; Ansermet, J.-P.;
Magnetics, IEEE Transactions on
Volume 38, Issue 5, Part 1, Sept. 2002 Page(s):2700 - 2702
Digital Object Identifier 10.1109/TMAG.2002.803151
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(194 KB) IEEE JNL
49. **High-yield cell separations using magnetic nanowires**
Hultgren, A.; Tanase, M.; Chen, C.S.; Reich, D.H.;
Magnetics, IEEE Transactions on
Volume 40, Issue 4, Part 2, July 2004 Page(s):2988 - 2990
Digital Object Identifier 10.1109/TMAG.2004.830406
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(136 KB) IEEE JNL
50. **Optical chemo-sensor based on long period gratings coated with /spl del syndiotactic polystyrene**
Pilla, P.; Iadicicco, A.; Contessa, L.; Campopiano, S.; Cutolo, A.; Giordano, M. Cusano, A.;
Photonics Technology Letters, IEEE
Volume 17, Issue 8, Aug. 2005 Page(s):1713 - 1715
Digital Object Identifier 10.1109/LPT.2005.851979
[AbstractPlus](#) | Full Text: [PDF](#)(128 KB) IEEE JNL

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- ☐ **51. Modeling and characterization of a valved glaucoma drainage device with enhanced therapeutic efficacy**
 Tingrui Pan; Stay, M.S.; Barocas, V.H.; Brown, J.D.; Ziaie, B.;
 Biomedical Engineering, IEEE Transactions on
 Volume 52, Issue 5, May 2005 Page(s):948 - 951
 Digital Object Identifier 10.1109/TBME.2005.845222
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(768 KB\)](#) IEEE JNL
- ☐ **52. Micromachined silicon thermopile and thermal radiators using porous silicon**
 Dobrzanski, L.; Piotrowski, J.;
 Optoelectronics, IEEE Proceedings-
 Volume 145, Issue 5, Oct. 1998 Page(s):307 - 311
[AbstractPlus](#) | Full Text: [PDF\(608 KB\)](#) IEEE JNL
- ☐ **53. Fabrication and characterisation of a CdS-doped silica-on-silicon planar waveguide**
 Fardad, M.A.; Yeatman, E.M.; Dawney, E.J.C.; Green, M.; Fick, J.; Guntau, M.
 Optoelectronics, IEEE Proceedings-
 Volume 143, Issue 5, Oct. 1996 Page(s):298 - 302
[AbstractPlus](#) | Full Text: [PDF\(600 KB\)](#) IEEE JNL
- ☐ **54. On-chip hermetic packaging enabled by post-deposition electrochemical polysilicon**
 Rihui He; Chang-Jin Kim;
 Micro Electro Mechanical Systems, 2005. MEMS 2005. 18th IEEE International Conference on
 30 Jan.-3 Feb. 2005 Page(s):544 - 547
 Digital Object Identifier 10.1109/MEMSYS.2005.1453987
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF
- ☐ **55. Quartz crystal microbalance (QCM) sensor for ammonia gas using clay/polymer layer-by-layer self-assembly film**
 Kikuchi, M.; Omori, K.; Shiratori, S.;
 Sensors, 2004. Proceedings of IEEE
 24-27 Oct. 2004 Page(s):718 - 721 vol.2
 Digital Object Identifier 10.1109/ICSENS.2004.1426268
[AbstractPlus](#) | Full Text: [PDF\(1078 KB\)](#) IEEE CNF
- ☐ **56. Biomolecule separation by steric hindrance using nanofluidic filters**

Jongyoon Han; Jianping Fu;
 Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference
 Annual International Conference of the
 Volume 1, 2004 Page(s):2611 - 2614 Vol.4
 Digital Object Identifier 10.1109/IEMBS.2004.1403750
[AbstractPlus](#) | Full Text: [PDF](#)(280 KB) IEEE CNF

57. **High current density nanofilament cathodes for microwave amplifiers**
 Schnell, J.-P.; Minoux, E.; Gangloff, L.; Vincent, P.; Legagneux, P.; Dieurnega
 F.; Peauger, F.; Hudanski, L.; Teo, K.B.K.; Lacerda, R.; Chhowalla, M.; Hasko
 H.; Amaratunga, G.A.J.; Milne, W.I.; Vila, L.; Dauginet-De Pra, L.; Demoustier-
 Ferain, E.; Legras, R.; Piraux, L.; Groening, O.; De Raedt, H.; Michielsen, K.;
 Vacuum Nanoelectronics Conference, 2004. IVNC 2004. Technical Digest of the
 International
 11-16 July 2004 Page(s):278 - 279
 Digital Object Identifier 10.1109/IVNC.2004.1355014
[AbstractPlus](#) | Full Text: [PDF](#)(269 KB) IEEE CNF
58. **Lotus Effect coating and its application for microelectromechanical systems
 prevention**
 Jun Li; Jianwen Xu; Lianhua Fan; Wong, C.P.;
 Electronic Components and Technology, 2004. ECTC '04. Proceedings
 Volume 1, 1-4 June 2004 Page(s):943 - 947 Vol.1
 Digital Object Identifier 10.1109/ECTC.2004.1319451
[AbstractPlus](#) | Full Text: [PDF](#)(614 KB) IEEE CNF
59. **A new type of micro-thermoelectric power generator fabricated by nanowire
 thermoelectric material**
 Wei Wang; Falong Jia; Jing Zhu; Jianzhong Zhang;
 Thermoelectrics, 2003 Twenty-Second International Conference on - ICT
 17-21 Aug. 2003 Page(s):682 - 684
[AbstractPlus](#) | Full Text: [PDF](#)(1390 KB) IEEE CNF
60. **Living three-dimensional micro fabricated constructs for the replacement
 function**
 Borenstein, J.T.; Cheung, W.; Hartman, L.; Kaazempur-Mofrad, M.R.; King, K.
 M.; Weinberg, E.J.; Vacanti, J.P.;
 TRANSDUCERS, Solid-State Sensors, Actuators and Microsystems, 12th International
 Conference on, 2003
 Volume 2, 8-12 June 2003 Page(s):1754 - 1757 vol.2
[AbstractPlus](#) | Full Text: [PDF](#)(467 KB) IEEE CNF
61. **3D structuring of c-Si using porous silicon as sacrificial material**
 Mescheder, U.M.; Kovacs, A.; Fahad, A.; Huster, R.;
 Nanotechnology, 2002. IEEE-NANO 2002. Proceedings of the 2002 2nd IEEE
 26-28 Aug. 2002 Page(s):33 - 36
 Digital Object Identifier 10.1109/NANO.2002.1032117
[AbstractPlus](#) | Full Text: [PDF](#)(419 KB) IEEE CNF
62. **Via first dual damascene integration of nanoporous ultra low-k material**
 Lin, J.C.; Lee, H.S.; Satyanarayana, S.; Martinez, H.; Jacobs, T.; Brennan, K.;
 Augur, R.; Shue, S.L.; Yu, C.H.; Liang, M.S.;
 Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 Int
 3-5 June 2002 Page(s):48 - 50
 Digital Object Identifier 10.1109/IITC.2002.1014883
[AbstractPlus](#) | Full Text: [PDF](#)(345 KB) IEEE CNF
63. **Nondestructive stiffness and density characterization of porous low-k film
 acoustic wave spectroscopy**

Flannery, C.M.; Baklanov, M.R.;
Interconnect Technology Conference, 2002. Proceedings of the IEEE 2002 Int
3-5 June 2002 Page(s):233 - 235
Digital Object Identifier 10.1109/IITC.2002.1014943
[AbstractPlus](#) | Full Text: [PDF](#)(302 KB) IEEE CNF

64. **Transport and magnetic properties of cobalt nanowires: from array to sin**
Vila, L.; Piraux, L.; George, J.M.; Faini, G.; Popa, A.; Ebels, U.; Ounadjela, K.;
Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical P
International
28 April-2 May 2002 Page(s):GB4
Digital Object Identifier 10.1109/INTMAG.2002.1001404
[AbstractPlus](#) | Full Text: [PDF](#)(254 KB) IEEE CNF

65. **Templated nanoporous spin-on glass for high density interconnect appli**
Padovani, A.M.; Bidstrup Allen, S.A.; Kohl, P.A.;
Advanced Packaging Materials, 2002. Proceedings. 2002 8th International Syr
3-6 March 2002 Page(s):20 - 24
Digital Object Identifier 10.1109/ISAPM.2002.990360
[AbstractPlus](#) | Full Text: [PDF](#)(735 KB) IEEE CNF

66. **Nanostructure based electro-optic modulators for high speed optical inte**
Das, B.; McGinnis, S.; Sines, P.;
Microwave and Optoelectronics Conference, 2001. IMOC 2001.Proceedings o
SBMO/IEEE MTT-S International
Volume 1, 6-10 Aug. 2001 Page(s):517 - 520 vol.1
Digital Object Identifier 10.1109/SBMOMO.2001.1008817
[AbstractPlus](#) | Full Text: [PDF](#)(388 KB) IEEE CNF

67. **Modeling and calculation of nanostructural field emission triode characte**
Tatarenko, N.I.; Vorobyev, A.Y.;
Vacuum Microelectronics Conference, 2001. IVMC 2001. Proceedings of the 1
12-16 Aug. 2001 Page(s):85 - 86
Digital Object Identifier 10.1109/IVMC.2001.939665
[AbstractPlus](#) | Full Text: [PDF](#)(148 KB) IEEE CNF

68. **Microwave tunable filters and nonreciprocal devices using magnetic nan**
Saib, A.; Vanhoenacker-Janvier, D.; Raskin, J.-P.; Crahay, A.; Huynen, L.;
Nanotechnology, 2001. IEEE-NANO 2001. Proceedings of the 2001 1st IEEE
28-30 Oct. 2001 Page(s):260 - 265
Digital Object Identifier 10.1109/NANO.2001.966430
[AbstractPlus](#) | Full Text: [PDF](#)(386 KB) IEEE CNF

69. **Preparation of low-k nanoporous SiO₂ films by plasma-enhanced chemic
deposition**
Lenian He; Jin Xu;
Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th Interna
on
Volume 1, 22-25 Oct. 2001 Page(s):365 - 368 vol.1
Digital Object Identifier 10.1109/ICSICT.2001.981495
[AbstractPlus](#) | Full Text: [PDF](#)(154 KB) IEEE CNF

70. **Capacitance-voltage spectroscopy of self assembled ordered arrays of q**
Kouklin, N.; Bandyopadhyay, S.;
Compound Semiconductors, 2000 IEEE International Symposium on
2-5 Oct. 2000 Page(s):303 - 307
Digital Object Identifier 10.1109/ISCS.2000.947173
[AbstractPlus](#) | Full Text: [PDF](#)(216 KB) IEEE CNF

71. **Thin film porous membranes for catalytic sensors**
 Hughes, R.C.; Boyle, T.J.; Gardner, T.J.; Brinker, C.J.; Thomas, R.;
 Solid State Sensors and Actuators, 1997. TRANSDUCERS '97 Chicago., 1997
 Conference on
 Volume 1, 16-19 June 1997 Page(s):581 - 584 vol.1
 Digital Object Identifier 10.1109/SENSOR.1997.613717
[AbstractPlus](#) | Full Text: [PDF](#)(340 KB) IEEE CNF
72. **Front surface engineering of high efficiency Si solar cells and Ge TPV ce**
 Faur, M.; Bailey, S.G.; Flood, D.J.; Brinker, D.J.; Wheeler, D.R.; Alterovitz, S.A
 Mateescu, G.; Faulk, J.; Goradia, C.; Goradia, M.;
 Photovoltaic Specialists Conference, 1997., Conference Record of the Twenty
 29 Sept.-3 Oct. 1997 Page(s):847 - 851
 Digital Object Identifier 10.1109/PVSC.1997.654220
[AbstractPlus](#) | Full Text: [PDF](#)(460 KB) IEEE CNF
73. **Blue and green electroluminescence from a porous silicon device**
 Steiner, P.; Kozlowski, F.; Lang, W.;
 Electron Device Letters, IEEE
 Volume 14, Issue 7, July 1993 Page(s):317 - 319
 Digital Object Identifier 10.1109/55.225558
[AbstractPlus](#) | Full Text: [PDF](#)(224 KB) IEEE JNL
74. **Nanostructured surface modification of ceramic-based microelectrodes t**
biocompatibility for a direct brain-machine interface
 Moxon, K.A.; Kalkhoran, N.M.; Markert, M.; Sambito, M.A.; McKenzie, J.L.; We
 Biomedical Engineering, IEEE Transactions on
 Volume 51, Issue 6, June 2004 Page(s):881 - 889
 Digital Object Identifier 10.1109/TBME.2004.827465
[AbstractPlus](#) | Full Text: [PDF](#)(456 KB) IEEE JNL
75. **Non-catalyst and low temperature growth of vertically aligned carbon nai**
nanosensor arrays
 Pham, H.T.M.; de Boer, C.R.; Sarro, P.M.;
 Solid-State Sensors, Actuators and Microsystems, 2005. Digest of Technical F
 TRANSDUCERS '05. The 13th International Conference on
 Volume 1, 5-9 June 2005 Page(s):97 - 100 Vol. 1
 Digital Object Identifier 10.1109/SENSOR.2005.1496368
[AbstractPlus](#) | Full Text: [PDF](#)(266 KB) IEEE CNF

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- ☐ **76. Gold seeds arrangement on a nanoporous anodic aluminum oxide membrane under centrifugal force**
 Fengmin Chu; Tanaka, M.; Shimojo, M.; Furuya, K.;
 Microprocesses and Nanotechnology Conference, 2004. Digest of Papers. 20th Oct. 27-29, 2004 Page(s):212 - 213
[AbstractPlus](#) | Full Text: [PDF](#)(109 KB) IEEE CNF
- ☐ **77. Anodic nano-porous humidity sensing thin films for the commercial and applications**
 Haji-Sheikh, M.J.; Andersen, M.; Ervin, J.;
 Industry Applications Conference, 2004. 39th IAS Annual Meeting. Conference 2004 IEEE
 Volume 2, 3-7 Oct. 2004 Page(s):1207 - 1210 vol.2
 Digital Object Identifier 10.1109/IAS.2004.1348566
[AbstractPlus](#) | Full Text: [PDF](#)(1108 KB) IEEE CNF
- ☐ **78. Molecular modeling of biomolecules and solutions in nanoporous materials**
 Kovalenko, A.;
 MEMS, NANO and Smart Systems, 2004. ICMENS 2004. Proceedings. 2004 International Conference on
 25-27 Aug. 2004 Page(s):143 - 148
[AbstractPlus](#) | Full Text: [PDF](#)(998 KB) IEEE CNF
- ☐ **79. Anisotropic thermal conductivity of nano-porous silica film**
 Bing-Yue Tsui; Chen-Chi Yang; Kuo-Lung Fang;
 VLSI Technology, Systems, and Applications, 2003 International Symposium on
 2003 Page(s):251 - 254
 Digital Object Identifier 10.1109/VTSA.2003.1252600
[AbstractPlus](#) | Full Text: [PDF](#)(331 KB) IEEE CNF
- ☐ **80. Low refractive index nanoporous hybrid silicate materials for waveguide applications**
 Khanarian, G.; You, Y.; Talley, M.; Gore, P.; Ibbitson, S.; Lamola, A.; Gallagher Moynihan, M.; Shelnut, J.;
 Lasers and Electro-Optics, 2003. CLEO '03. Conference on
 1-6 June 2003 Page(s):298 - 300
 Digital Object Identifier 10.1109/CLEO.2003.1297820
[AbstractPlus](#) | Full Text: [PDF](#)(246 KB) IEEE CNF

- 81. **Stability and piezoresistive properties of indium-tin-oxide ceramic strain**
 Gregory, O.J.; You, T.;
 Sensors, 2003. Proceedings of IEEE
 Volume 2, 22-24 Oct. 2003 Page(s):801 - 806 Vol.2
 Digital Object Identifier 10.1109/ICSENS.2003.1279053
[AbstractPlus](#) | Full Text: [PDF](#)(537 KB) IEEE CNF
- 82. **Understanding modulus trends in ultra low K dielectric materials through molecular modeling**
 Iwamoto, N.; Moro, L.; Bedwell, B.; Apen, P.;
 Electronic Components and Technology Conference, 2002. Proceedings. 52nd
 28-31 May 2002 Page(s):1318 - 1322
 Digital Object Identifier 10.1109/ECTC.2002.1008276
[AbstractPlus](#) | Full Text: [PDF](#)(1468 KB) IEEE CNF
- 83. **Modeling and calculation of nanostructural field emission diode character**
 Tatarenko, N.I.; Vorobyev, A.Y.;
 Vacuum Microelectronics Conference, 2001. IVMC 2001. Proceedings of the 1
 12-16 Aug. 2001 Page(s):81 - 82
 Digital Object Identifier 10.1109/IVMC.2001.939663
[AbstractPlus](#) | Full Text: [PDF](#)(148 KB) IEEE CNF
- 84. **Fabrication and optical characterization of template-constructed thin film nanostructure**
 Harris, K.D.; Sit, J.C.; Brett, M.J.;
 Nanotechnology, IEEE Transactions on
 Volume 1, Issue 3, Sept. 2002 Page(s):122 - 128
 Digital Object Identifier 10.1109/TNANO.2002.805117
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(681 KB) IEEE JNL
- 85. **Modeling stability of trapped ferromagnetic nanoparticle chains**
 Hovorka, O.; Yellen, B.B.; Friedman, G.;
 Magnetics, IEEE Transactions on
 Volume 39, Issue 5, Part 2, Sept. 2003 Page(s):2549 - 2551
 Digital Object Identifier 10.1109/TMAG.2003.816473
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(259 KB) IEEE JNL
- 86. **Electrical-bridge model on the self-organized growth of nanopores in an oxide**
 Hui Pan; Jianyi Lin; Yuanping Feng; Han Gao;
 Nanotechnology, IEEE Transactions on
 Volume 3, Issue 4, Dec. 2004 Page(s):462 - 467
 Digital Object Identifier 10.1109/TNANO.2004.834187
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(248 KB) IEEE JNL
- 87. **Fabrication of head-flyable nanohole patterned media and dynamic write measurement with GMR head**
 Kikuchi, H.; Nakao, H.; Yasui, K.; Nishio, K.; Morikawa, T.; Matsumoto, K.; Ma;
 Magnetics Conference, 2005. INTERMAG Asia 2005. Digests of the IEEE Int
 4-8 April 2005 Page(s):1371 - 1372
[AbstractPlus](#) | Full Text: [PDF](#)(67 KB) IEEE CNF
- 88. **SiO₂/substrate having self organized nanoscale pores and Co dot a coercivity enhancement in RE-TM film**
 Itoh, A.; Tsukamoto, A.; Morisaki, K.; Nanba, K.; Sato, H.; Itoh, Y.; Ohtsuki, J.;
 Magnetics Conference, 2005. INTERMAG Asia 2005. Digests of the IEEE Int
 4-8 April 2005 Page(s):921 - 922
[AbstractPlus](#) | Full Text: [PDF](#)(81 KB) IEEE CNF

89. **45 nm-node BEOL integration featuring porous-ultra-low-k/Cu multilevel**
 Sugiura, I.; Nakata, Y.; Misawa, N.; Otsuka, S.; Nishikawa, N.; Iba, Y.; Sugimo Sakai, H.; Mizushima, Y.; Kotaka, Y.; Uchibori, C.; Suzuki, T.; Kitada, H.; Kour. Karasawa, T.; Ohkura, Y.; Watatani, H.; Sato, M.; Nakai, S.; Nakaishi, M.; Shir Fukuyama, S.; Miyajima, M.; Nakamura, T.; Yano, E.; Watanabe, K.;
 Interconnect Technology Conference, 2005. Proceedings of the IEEE 2005 Int 6-8 June 2005 Page(s):15 - 17
[AbstractPlus](#) | Full Text: [PDF](#)(204 KB) IEEE CNF
90. **Novel mesoporous filters for selective gas absorption**
 Baumbach, M.; Schutze, A.; Fei Cheng; Kelly, S.; Delprat, H.; Parret, F.; Menir K.; Chaudret, B.; Maisonnat, A.;
 Sensors, 2004. Proceedings of IEEE 24-27 Oct. 2004 Page(s):939 - 942 vol.2
 Digital Object Identifier 10.1109/ICSENS.2004.1426326
[AbstractPlus](#) | Full Text: [PDF](#)(428 KB) IEEE CNF
91. **A fiber-optic powered wireless sensor module made on elastomeric sub wearable sensors**
 Lien, V.; Lin, H.; Chuang, J.; Sailor, M.J.; Lo, Y.H.;
 Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference Annual International Conference of the Volume 1, 2004 Page(s):2145 - 2148 Vol.3
 Digital Object Identifier 10.1109/IEMBS.2004.1403628
[AbstractPlus](#) | Full Text: [PDF](#)(384 KB) IEEE CNF
92. **Improvement of diamond nanocomposite field emitters by oxidation**
 Karabutov, A.V.; Gordeev, S.K.; Ralchenko, V.G.; Korchagina, S.B.; Dementje Chakhovskoi, A.G.;
 Vacuum Nanoelectronics Conference, 2004. IVNC 2004. Technical Digest of the International 11-16 July 2004 Page(s):260 - 261
 Digital Object Identifier 10.1109/IVNC.2004.1355004
[AbstractPlus](#) | Full Text: [PDF](#)(243 KB) IEEE CNF
93. **Understanding suspension D.C. plasma spraying of nanostructured coat**
 Fauchais, P.; Delbos, C.; Fazilleau, J.; Coudert, J.-F.; Rat, V.; Bianchi, L.;
 Plasma Science, 2004. ICOPS 2004. IEEE Conference Record - Abstracts. The International Conference on 28 June-1 July 2004 Page(s):219
 Digital Object Identifier 10.1109/PLASMA.2004.1339819
[AbstractPlus](#) | Full Text: [PDF](#)(205 KB) IEEE CNF
94. **Robust multilevel interconnects with a nano-clustering porous low-k ($k < 2$)**
 Nakamura, T.; Nakashima, A.;
 Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int 7-9 June 2004 Page(s):175 - 177
[AbstractPlus](#) | Full Text: [PDF](#)(397 KB) IEEE CNF
95. **Effect of pore sealing on the reliability of ULK/Cu interconnects**
 Guedj, C.; Arnaud, L.; Fayolle, M.; Jousseau, V.; Guillaumond, J.F.; Cluzel, Reimbold, G.; Bouchu, D.;
 Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int 7-9 June 2004 Page(s):148 - 150
[AbstractPlus](#) | Full Text: [PDF](#)(328 KB) IEEE CNF
96. **Film properties and integration performance of a nano-porous carbon do**

Dixit, G.; D'Cruz, L.; Sang Ahn; Yi Zheng; Chang, J.; Mehul Naik; Demos, A.; V H.;

Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int 7-9 June 2004 Page(s):142 - 144

[AbstractPlus](#) | Full Text: [PDF](#)(384 KB) IEEE CNF

97. **Flatband solar cells: a model for solid-state nano-structured solar cells**
Burgelman, M.; Grasso, C.;
Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference
Volume 1, 11-18 May 2003 Page(s):244 - 247 Vol.1
Digital Object Identifier 10.1109/WCPEC.2003.1305267
[AbstractPlus](#) | Full Text: [PDF](#)(392 KB) IEEE CNF
98. **Photovoltaic devices based on nanocrystalline TiO/sub 2/ and a fluorene copolymer**
Ravirajan, P.; Haque, S.A.; Poplavskyy, D.; Durrant, J.R.; Bradley, D.D.C.; Nel
Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference
Volume 3, 12-16 May 2003 Page(s):2722 - 2725 Vol.3
Digital Object Identifier 10.1109/WCPEC.2003.1305153
[AbstractPlus](#) | Full Text: [PDF](#)(374 KB) IEEE CNF
99. **Dye-sensitized solar cells: management of photoelectrons**
Yanagida, S.;
Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference
Volume 3, 12-16 May 2003 Page(s):2666 - 2671 Vol.3
Digital Object Identifier 10.1109/WCPEC.2003.1305140
[AbstractPlus](#) | Full Text: [PDF](#)(421 KB) IEEE CNF
100. **Nanostructured porous silicon scaffolds for improved biocompatibility c microelectrodes**
Moxon, K.A.; Kalkhoran, N.M.;
Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th /
International Conference of the IEEE
Volume 4, 17-21 Sept. 2003 Page(s):3698 - 3699 Vol.4
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 Flannery, C.M.; Kim, S.; Wittkowski, T.; Jung, K.; Hillebrands, B.; Baklanov, M.
 Ultrasonics Symposium, 2002. Proceedings. 2002 IEEE
 Volume 1, 8-11 Oct. 2002 Page(s):211 - 214 vol.1
[AbstractPlus](#) | Full Text: [PDF](#)(345 KB) IEEE CNF
- ☐ 2. **Optoelectronic sensor for chemical detection in liquid by using ultra thin on long period fiber gratings**
 Pilla, P.; Contessa, L.; Iadicicco, A.; Campopiano, S.; Cutolo, A.; Giordano, M.;
 Fibres and Optical Passive Components, 2005. Proceedings of 2005 IEEE/LE
 22-24 June 2005 Page(s):349 - 354
 Digital Object Identifier 10.1109/WFOPC.2005.1462153
[AbstractPlus](#) | Full Text: [PDF](#)(204 KB) IEEE CNF
- ☐ 3. **Recombination kinetics of interpenetrating heterojunctions: comparison sensitized and polymer solar cells**
 O'Regan, B.; Veenstra, S.; Verhees, W.; Kroon, J.; Sommeling, P.; Bakker, K.;
 Photovoltaic Specialists Conference, 2005. Conference Record of the Thirty-fir
 3-7 Jan. 2005 Page(s):27 - 30
[AbstractPlus](#) | Full Text: [PDF](#)(217 KB) IEEE CNF
- ☐ 4. **Living three-dimensional micro fabricated constructs for the replacement function**
 Borenstein, J.T.; Cheung, W.; Hartman, L.; Kaazempur-Mofrad, M.R.; King, K.I
 M.; Weinberg, E.J.; Vacanti, J.P.;
 TRANSDUCERS, Solid-State Sensors, Actuators and Microsystems, 12th Inte
 Conference on, 2003
 Volume 2, 8-12 June 2003 Page(s):1754 - 1757 vol.2
[AbstractPlus](#) | Full Text: [PDF](#)(467 KB) IEEE CNF
- ☐ 5. **Templated nanoporous spin-on glass for high density interconnect applica**
 Padovani, A.M.; Bidstrup Allen, S.A.; Kohl, P.A.;
 Advanced Packaging Materials, 2002. Proceedings. 2002 8th International Sy
 3-6 March 2002 Page(s):20 - 24
 Digital Object Identifier 10.1109/ISAPM.2002.990360
[AbstractPlus](#) | Full Text: [PDF](#)(735 KB) IEEE CNF

6. **Biomolecule separation by steric hindrance using nanofluidic filters**
Jongyoon Han; Jianping Fu;
Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference
Annual International Conference of the
Volume 1, 2004 Page(s):2611 - 2614 Vol.4
Digital Object Identifier 10.1109/IEMBS.2004.1403750
[AbstractPlus](#) | Full Text: [PDF](#)(280 KB) IEEE CNF
7. **Spin-on dielectric films-a general overview**
Shi-Qing Wang;
Solid-State and Integrated Circuit Technology, 1998. Proceedings. 1998 5th In
Conference on
21-23 Oct. 1998 Page(s):961
Digital Object Identifier 10.1109/ICSICT.1998.786546
[AbstractPlus](#) | Full Text: [PDF](#)(48 KB) IEEE CNF
8. **Fabrication and optical characterization of template-constructed thin film nanostructure**
Harris, K.D.; Sit, J.C.; Brett, M.J.;
Nanotechnology, IEEE Transactions on
Volume 1, Issue 3, Sept. 2002 Page(s):122 - 128
Digital Object Identifier 10.1109/TNANO.2002.805117
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(681 KB) IEEE JNL
9. **Optical chemo-sensor based on long period gratings coated with /spl del syndiotactic polystyrene**
Pilla, P.; Iadicicco, A.; Contessa, L.; Campopiano, S.; Cutolo, A.; Giordano, M.; Cusano, A.;
Photonics Technology Letters, IEEE
Volume 17, Issue 8, Aug. 2005 Page(s):1713 - 1715
Digital Object Identifier 10.1109/LPT.2005.851979
[AbstractPlus](#) | Full Text: [PDF](#)(128 KB) IEEE JNL
10. **Quartz crystal microbalance (QCM) sensor for ammonia gas using clay/p layer-by-layer self-assembly film**
Kikuchi, M.; Omori, K.; Shiratori, S.;
Sensors, 2004. Proceedings of IEEE
24-27 Oct. 2004 Page(s):718 - 721 vol.2
Digital Object Identifier 10.1109/ICSENS.2004.1426268
[AbstractPlus](#) | Full Text: [PDF](#)(1078 KB) IEEE CNF
11. **A fiber-optic powered wireless sensor module made on elastomeric subs wearable sensors**
Lien, V.; Lin, H.; Chuang, J.; Sailor, M.J.; Lo, Y.H.;
Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference
Annual International Conference of the
Volume 1, 2004 Page(s):2145 - 2148 Vol.3
Digital Object Identifier 10.1109/IEMBS.2004.1403628
[AbstractPlus](#) | Full Text: [PDF](#)(384 KB) IEEE CNF
12. **Material issues for nanoporous ultra low-k dielectrics**
Char, K.; Cha, B.J.; Suhan Kim;
Interconnect Technology Conference, 2004. Proceedings of the IEEE 2004 Int
7-9 June 2004 Page(s):219 - 221
[AbstractPlus](#) | Full Text: [PDF](#)(316 KB) IEEE CNF
13. **Photovoltaic devices based on nanocrystalline TiO/sub 2/ and a fluorene-copolymer**

Ravirajan, P.; Haque, S.A.; Poplavskyy, D.; Durrant, J.R.; Bradley, D.D.C.; Nel
Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference
Volume 3, 12-16 May 2003 Page(s):2722 - 2725 Vol.3
Digital Object Identifier 10.1109/WCPEC.2003.1305153

[AbstractPlus](#) | Full Text: [PDF](#)(374 KB) IEEE CNF

14. **Nanostructured plasma polymer coatings on novel silica structures**
Manian, H.; van Ooij, W.J.; Gulians, V.V.;
Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference on
Volume 2, 12-14 Aug. 2003 Page(s):828 - 831 vol. 2
Digital Object Identifier 10.1109/NANO.2003.1231042

[AbstractPlus](#) | Full Text: [PDF](#)(364 KB) IEEE CNF

15. **Preparation of porous filament via electrospinning**
Hak Yong Kim; Myung Seob Khil; Hyung Jun Kim; Yoon Ho Jung; Douk Rae L
Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference on
Volume 2, 12-14 Aug. 2003 Page(s):801 - 803 vol. 2
Digital Object Identifier 10.1109/NANO.2003.1231035

[AbstractPlus](#) | Full Text: [PDF](#)(461 KB) IEEE CNF

16. **High aspect ratio polymer micro/nano-structure manufacturing using nanomolding and directed self-assembly**
Sitti, M.;
Advanced Intelligent Mechatronics, 2003. AIM 2003. Proceedings. 2003 IEEE/
International Conference on
Volume 2, 20-24 July 2003 Page(s):886 - 890 vol.2
Digital Object Identifier 10.1109/AIM.2003.1225459

[AbstractPlus](#) | Full Text: [PDF](#)(801 KB) IEEE CNF

17. **Nanomolding based fabrication of synthetic gecko foot-hairs**
Sitti, M.; Fearing, R.S.;
Nanotechnology, 2002. IEEE-NANO 2002. Proceedings of the 2002 2nd IEEE
26-28 Aug. 2002 Page(s):137 - 140
Digital Object Identifier 10.1109/NANO.2002.1032153

[AbstractPlus](#) | Full Text: [PDF](#)(466 KB) IEEE CNF

18. **Flexible microchannels with integrated nanoporous membranes for filtration separation of molecules and particles**
Metz, S.; Trautmann, C.; Bertsch, A.; Renaud, P.;
Micro Electro Mechanical Systems, 2002. The Fifteenth IEEE International Conference on
20-24 Jan. 2002 Page(s):81 - 84
Digital Object Identifier 10.1109/MEMSYS.2002.984095

[AbstractPlus](#) | Full Text: [PDF](#)(395 KB) IEEE CNF



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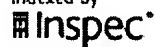
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